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# 1 [Pervasive computing: Modeling service-based multimedia content adaptation in pervasive computing](#)

Girma Berhe, Lionel Brunie, Jean-Marc Pierson

 April 2004 **Proceedings of the first conference on computing frontiers on Computing frontiers**

 Full text available: ☒ pdf(691.71 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Pervasive computing applications allow users to access information from anywhere while traveling and using variety of devices. Heterogeneity and limitation of resources involved in this application demand adaptation of content according to the current context (device, user, network etc.). The dynamic nature of adaptation mechanisms together with emerging opportunities of Web Service technology provides new approach of adaptation which is service-based. While this approach would provide a valuabl ...

**Keywords:** content adaptation services, media transformation, multimedia content delivery, pervasive computing

## 2 [Scalable multimedia delivery for pervasive computing](#)

John R. Smith, Rakesh Mohan, Chung-Sheng Li

 October 1999 **Proceedings of the seventh ACM international conference on Multimedia (Part 1)**

 Full text available: ☒ pdf(1.27 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Growing numbers of pervasive devices are gaining access to the Internet and other information sources. However, much of the rich multimedia content cannot be easily handled by the client devices with limited communication, processing, storage and display capabilities. In order to improve access, we are developing a system for scalable delivery of multimedia. The system uses an InfoPyramid for managing and manipulating multimedia content composed of video, images, audio and text. The InfoPyr ...

## 3 [Pervasive computing: what is it good for?](#)

Andrew C. Huang, Benjamin C. Ling, Shankar Ponnekanti


 August 1999 **Proceedings of the 1st ACM international workshop on Data engineering for wireless and mobile access**

 Full text available: ☒ pdf(897.82 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

## 4 [A real world conversion to SGML](#)

Dee Stribling, Tim Hunter, Len Olszewski, Anne Corrigan, Randy Mullis, Lloyd Allen

October 1996 **Proceedings of the 14th annual international conference on Systems documentation: Marshaling new technological forces: building a corporate, academic, and user-oriented triangle**


Full text available:  [pdf\(1.19 MB\)](#)

Additional Information: [full citation](#), [index terms](#)

5 **ISIS: an adaptive, trilingual conversational system with interleaving interaction and delegation dialogs**

Helen Meng, P. C. Ching, Shuk Fong Chan, Yee Fong Wong, Cheong Chat Chan

September 2004 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 11 Issue 3

Full text available:  [pdf\(3.71 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

ISIS (Intelligent Speech for Information Systems) is a trilingual spoken dialog system (SDS) for the stocks domain. It handles two dialects of Chinese (Cantonese and Putonghua) as well as English---the predominant languages in our region. The system supports spoken language queries regarding stock market information and simulated personal portfolios. The conversational interface is augmented with a screen display that can capture mouse-clicks as well as textual input by typing or stylus-writing. ...

**Keywords:** Human-computer spoken language interface, interaction and delegation dialogs

6 **Challenges: an application model for pervasive computing**

Guruduth Banavar, James Beck, Eugene Gluzberg, Jonathan Munson, Jeremy Sussman, Deborra Zukowski

August 2000 **Proceedings of the 6th annual international conference on Mobile computing and networking**

Full text available:  [pdf\(998.42 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The way mobile computing devices and applications are developed, deployed and used today does not meet the expectations of the user community and falls far short of the potential for pervasive computing. This paper challenges the mobile computing community by questioning the roles of devices, applications, and a user's environment. A vision of pervasive computing is described, along with attributes of a new application model that supports this vision, and a set of challenges that must be met ...

7 **Function-based object model towards website adaptation**

Jinlin Chen, Baoyao Zhou, Jin Shi, Hongjiang Zhang, Qiu Fengwu

April 2001 **Proceedings of the tenth international conference on World Wide Web**

Full text available:  [pdf\(615.57 KB\)](#)


Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** HTML/WML conversion, content adaptation, content function, website understanding

8 **Scooby: middleware for service composition in pervasive computing**

Jon Robinson, Ian Wakeman, Tim Owen

October 2004 **Proceedings of the 2nd workshop on Middleware for pervasive and ad-hoc computing**

Full text available:  [pdf\(319.13 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper we argue for middleware languages that aid in service composition. We outline where such languages could be useful through the description of our current architecture, and describe what we believe are the key requirements of such a language. We outline the current state of our implementation, and conclude by describing what requirements are

placed on service providers by such composition middleware.

**Keywords:** language design, middleware, pervasive computing

## 9 Ubiquitous computing for firefighters: field studies and prototypes of large displays for incident command

Xiaodong Jiang, Jason I. Hong, Leila A. Takayama, James A. Landay

April 2004 **Proceedings of the 2004 conference on Human factors in computing systems**

Full text available:  pdf(976.87 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper, we demonstrate how field studies, interviews, and low-fidelity prototypes can be used to inform the design of ubiquitous computing systems for firefighters. We describe the artifacts and processes used by firefighters to assess, plan, and communicate during emergency situations, showing how accountability affects these decisions, how their current Incident Command System supports these tasks, and some drawbacks of existing solutions. These factors informed the design of a large el ...

**Keywords:** emergency response, field study, firefighter, low-fidelity prototypes, ubiquitous computing

## 10 Satchel: providing access to any document, any time, anywhere

Mik Lamming, Marge Eldridge, Mike Flynn, Chris Jones, David Pendlebury

September 2000 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 7 Issue 3

Full text available:  pdf(591.29 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Current solutions for providing access to electronic documents while away from the office do not meet the special needs of mobile document workers. We describe "Satchel," a system that is designed specifically to support the distinctive features of mobile document work. Satchel is designed to meet the following five high-level design goals (1) easy access to document services; (2) timely document access; (3) streamlined user interface; (4) ubiquity; and (5) compliance with securi ...

**Keywords:** document access, document appliance, document processing, information appliance, mobile computing, mobile work

## 11 Breaking the book: translating the chemistry lab book into a pervasive computing lab environment

m. c. schraefel, Gareth V. Hughes, Hugo R. Mills, Graham Smith, Terry R. Payne, Jeremy Frey

April 2004 **Proceedings of the 2004 conference on Human factors in computing systems**

Full text available:  pdf(3.72 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The UK e-Science programme is relying on the evolution of the paper lab book into a pervasive data gathering lab system. To date take up of existing commercial or research lab book replacement systems has not been great. In this paper, we reconsider both the role of the lab book in the experimental cycle, as well as its affective and experiential properties as an artefact, in order to design an e-Science lab book that will be acceptable to the scientists who will use it. To this end we combined ...

**Keywords:** design methods, e-science, pervasive computing

### A situated computing framework for mobile and ubiquitous multimedia access using small screen and composite devices

Thai-Lai Pham, Georg Schneider, Stuart Goose

October 2000 **Proceedings of the eighth ACM international conference on Multimedia**

Full text available:  pdf(952.99 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In recent years, small screen devices, such as cellular phones or Personal Digital Assistants (PDAs), enjoy phenomenal popularity. PDAs can be used to complement traditional computing systems to access personal multimedia information beyond the usage as digital organizers. However, due to the physical limitations accessing rich multimedia contents and diverse services using a single PDA is more difficult. Hence, the Situated Computing Framework (SCF) research project at Siemens Corporate Rese ...

**Keywords:** WWW, composite devices, mobile and ubiquitous computing, situated computing



### 13 Integrating open hypermedia systems with the World Wide Web

Kenneth M. Anderson

April 1997 **Proceedings of the eighth ACM conference on Hypertext**

Full text available:  pdf(1.00 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** Chimera, World Wide Web, intergration, open hypermedia systems



### 14 Multilanguage programming on the JVM: the Ada 95 benefits

Franco Gasperoni, Gary Dismukes

December 2000 **ACM SIGAda Ada Letters**, Volume XX Issue 4

Full text available:  pdf(1.48 MB)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

The latest trend in our industry; "pervasive computing", predicts the proliferation of numerous, often invisible, computing devices embedded in consumer appliances connected to the ubiquitous Internet. Secure, reliable applications combined with simplicity of use will make or break a company's reputation in this market. The Java "write once, run anywhere" paradigm, introduced by Sun in the mid-90s, is embodied in a widely available computing platform targeting pervasive devices. Although the Java ...



### 15 Cluster-based scalable network services

Armando Fox, Steven D. Gribble, Yatin Chawathe, Eric A. Brewer, Paul Gauthier

October 1997 **ACM SIGOPS Operating Systems Review , Proceedings of the sixteenth ACM symposium on Operating systems principles**, Volume 31 Issue 5

Full text available:  pdf(2.42 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



### 16 Pervasive computing: Application-level power management in pervasive computing systems: a case study

Luca Negri, Domenico Barretta, William Fornaciari

April 2004 **Proceedings of the first conference on computing frontiers on Computing frontiers**

Full text available:  pdf(214.88 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper we propose an application-level power consumption modeling and optimization technique for mobile devices. The application being considered is modeled as a FSM and the power consumption figures are associated with it through current measurements on selected states, followed by the application of a linear functional model. The FSM model is then used, together with a power management policy, to extend battery lifetime while

guaranteeing the execution of essential states in the applica ...

**Keywords:** pervasive computing, power management, virtual campus

## 17 Poster session 2: GroupMedia: distributed multi-modal interfaces

Anmol Madan, Ron Caneel, Alex Sandy Pentland

October 2004 **Proceedings of the 6th international conference on Multimodal interfaces**

Full text available:  pdf(361.16 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper, we describe the GroupMedia system, which uses wireless wearable computers to measure audio features, head-movement, and galvanic skin response (GSR) for dyads and groups of interacting people. These group sensor measurements are then used to build a real-time *group interest index*. The group interest index can be used to control group displays, annotate the group discussion for later retrieval, and even to modulate and guide the group discussion itself. We explore ...

**Keywords:** galvanic skin response, head nodding, human behavior, influence model, interest, prosody, speech features

## 18 Efficient and flexible Web access to art-historical image collections

Matthias Wagner, Stefan Holland, Werner Kießling

March 2000 **Proceedings of the 2000 ACM symposium on Applied computing**

Full text available:  pdf(646.03 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

**Keywords:** Web access, applications in the arts and humanities, format optimization, image databases, multimedia delivery

## 19 Workshop on compositional software architectures: workshop report

May 1998 **ACM SIGSOFT Software Engineering Notes**, Volume 23 Issue 3

Full text available:  pdf(2.91 MB) Additional Information: [full citation](#), [index terms](#)

## 20 Web site engineering: Staging transformations for multimodal web interaction management

Michael Narayan, Christopher Williams, Saverio Perugini, Naren Ramakrishnan

May 2004 **Proceedings of the 13th international conference on World Wide Web**

Full text available:  pdf(2.76 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Multimodal interfaces are becoming increasingly ubiquitous with the advent of mobile devices, accessibility considerations, and novel software technologies that combine diverse interaction media. In addition to improving access and delivery capabilities, such interfaces enable flexible and personalized dialogs with websites, much like a conversation between humans. In this paper, we present a software framework for multimodal web interaction management that supports mixed-initiative dialogs betw ...

**Keywords:** mixed-initiative interaction, out-of-turn interaction, partial evaluation, program transformations, web dialogs

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Terms	Documents
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<u>L11</u>	L10 and L1	1	<u>L11</u>
<u>L10</u>	715/526.ccls.	314	<u>L10</u>
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<u>L8</u>	L7 and L1	4	<u>L8</u>
<u>L7</u>	709/219.ccls.	1665	<u>L7</u>
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<u>L2</u>	L1 and grammar\$1 and business\$2	15	<u>L2</u>
<u>L1</u>	device\$1 and (HTML same conver\$8 same (WML or HDML or XML))	188	<u>L1</u>

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Search Results - Record(s) 1 through 10 of 10 returned.

☐ 1. Document ID: US 6799299 B1

Using default format because multiple data bases are involved.

L6: Entry 1 of 10

File: USPT

Sep 28, 2004

US-PAT-NO: 6799299

DOCUMENT-IDENTIFIER: US 6799299 B1

TITLE: Method and apparatus for creating stylesheets in a data processing system

DATE-ISSUED: September 28, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Li; Yongcheng	Raleigh	NC		
Tan; Yih-Shin	Raleigh	NC		
Tidwell, II; Leonard Douglas	Raleigh	NC		
Wesley; Ajamu A.	Raleigh	NC		

US-CL-CURRENT: 715/513; 715/523, 715/530

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMAC	Draw Desc	Image
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☐ 2. Document ID: US 6772413 B2

L6: Entry 2 of 10

File: USPT

Aug 3, 2004

US-PAT-NO: 6772413

DOCUMENT-IDENTIFIER: US 6772413 B2

TITLE: Method and apparatus of data exchange using runtime code generator and translator

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMAC	Draw Desc	Image
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☐ 3. Document ID: US 6772180 B1

L6: Entry 3 of 10

File: USPT

Aug 3, 2004

US-PAT-NO: 6772180

DOCUMENT-IDENTIFIER: US 6772180 B1

TITLE: Data representation schema translation through shared examples

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMAC	Draw Desc	Image
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☐ 4. Document ID: US 6760043 B2

L6: Entry 4 of 10

File: USPT

Jul 6, 2004

US-PAT-NO: 6760043

DOCUMENT-IDENTIFIER: US 6760043 B2

TITLE: System and method for web based enhanced interactive television content page layout

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMNC	Draw Desc	Image
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☐ 5. Document ID: US 6725426 B1

L6: Entry 5 of 10

File: USPT

Apr 20, 2004

US-PAT-NO: 6725426

DOCUMENT-IDENTIFIER: US 6725426 B1

TITLE: Mechanism for translating between word processing documents and XML documents

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMNC	Draw Desc	Image
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☐ 6. Document ID: US 6697839 B2

L6: Entry 6 of 10

File: USPT

Feb 24, 2004

US-PAT-NO: 6697839

DOCUMENT-IDENTIFIER: US 6697839 B2

**\*\* See image for Certificate of Correction \*\***

TITLE: End-to-end mobile commerce modules

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMNC	Draw Desc	Image
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☐ 7. Document ID: US 6644322 B2

L6: Entry 7 of 10

File: USPT

Nov 11, 2003

US-PAT-NO: 6644322

DOCUMENT-IDENTIFIER: US 6644322 B2

TITLE: Human language translation of patient session information from implantable medical devices

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMNC	Draw Desc	Image
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☐ 8. Document ID: US 6631375 B2

L6: Entry 8 of 10

File: USPT

Oct 7, 2003

US-PAT-NO: 6631375

DOCUMENT-IDENTIFIER: US 6631375 B2



TITLE: Administration and search and replace of computerized prepress

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWNC	Draw Desc	Image
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☐ 9. Document ID: US 6519617 B1

L6: Entry 9 of 10

File: USPT

Feb 11, 2003

US-PAT-NO: 6519617

DOCUMENT-IDENTIFIER: US 6519617 B1

TITLE: Automated creation of an XML dialect and dynamic generation of a corresponding DTD

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWNC	Draw Desc	Image
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☐ 10. Document ID: US 6263332 B1

L6: Entry 10 of 10

File: USPT

Jul 17, 2001

US-PAT-NO: 6263332

DOCUMENT-IDENTIFIER: US 6263332 B1

TITLE: System and method for query processing of structured documents

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWNC	Draw Desc	Image
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L4 and L3

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Search Results - Record(s) 1 through 50 of 51 returned.

☐ 1. Document ID: US 6799299 B1

Using default format because multiple data bases are involved.

L5: Entry 1 of 51

File: USPT

Sep 28, 2004

US-PAT-NO: 6799299

DOCUMENT-IDENTIFIER: US 6799299 B1

TITLE: Method and apparatus for creating stylesheets in a data processing system

DATE-ISSUED: September 28, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Li; Yongcheng	Raleigh	NC		
Tan; Yih-Shin	Raleigh	NC		
Tidwell, II; Leonard Douglas	Raleigh	NC		
Wesley; Ajamu A.	Raleigh	NC		

US-CL-CURRENT: [715/513](#); [715/523](#), [715/530](#)

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequence</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KWC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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☐ 2. Document ID: US 6792577 B1

L5: Entry 2 of 51

File: USPT

Sep 14, 2004

US-PAT-NO: 6792577

DOCUMENT-IDENTIFIER: US 6792577 B1

TITLE: Data distribution method and apparatus, and data receiving method and apparatus

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequence</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KWC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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☐ 3. Document ID: US 6792575 B1

L5: Entry 3 of 51

File: USPT

Sep 14, 2004

US-PAT-NO: 6792575

DOCUMENT-IDENTIFIER: US 6792575 B1

TITLE: Automated processing and delivery of media to web servers

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequence</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KWC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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☐ 4. Document ID: US 6782403 B1

L5: Entry 4 of 51

File: USPT

Aug 24, 2004

US-PAT-NO: 6782403

DOCUMENT-IDENTIFIER: US 6782403 B1

TITLE: Inter-application data transmitting system and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 5. Document ID: US 6779154 B1

L5: Entry 5 of 51

File: USPT

Aug 17, 2004

US-PAT-NO: 6779154

DOCUMENT-IDENTIFIER: US 6779154 B1

TITLE: Arrangement for reversibly converting extensible markup language documents to hypertext markup language documents

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 6. Document ID: US 6772413 B2

L5: Entry 6 of 51

File: USPT

Aug 3, 2004

US-PAT-NO: 6772413

DOCUMENT-IDENTIFIER: US 6772413 B2

TITLE: Method and apparatus of data exchange using runtime code generator and translator

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 7. Document ID: US 6772396 B1

L5: Entry 7 of 51

File: USPT

Aug 3, 2004

US-PAT-NO: 6772396

DOCUMENT-IDENTIFIER: US 6772396 B1

TITLE: Content distribution system for network environments

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 8. Document ID: US 6772395 B1

L5: Entry 8 of 51

File: USPT

Aug 3, 2004

US-PAT-NO: 6772395

DOCUMENT-IDENTIFIER: US 6772395 B1

TITLE: Self-modifying data flow execution architecture

Full	Title	Citation	Front	Review	Classification	Date	Reference	References	Attachments	Claims	KWIC	Draw Desc	Image
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9. Document ID: US 6763343 B1

L5: Entry 9 of 51

File: USPT

Jul 13, 2004

US-PAT-NO: 6763343

DOCUMENT-IDENTIFIER: US 6763343 B1

TITLE: Preventing duplication of the data in reference resource for XML page generation

Full	Title	Citation	Front	Review	Classification	Date	Reference	References	Attachments	Claims	KWIC	Draw Desc	Image
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10. Document ID: US 6760043 B2

L5: Entry 10 of 51

File: USPT

Jul 6, 2004

US-PAT-NO: 6760043

DOCUMENT-IDENTIFIER: US 6760043 B2

TITLE: System and method for web based enhanced interactive television content page layout

Full	Title	Citation	Front	Review	Classification	Date	Reference	References	Attachments	Claims	KWIC	Draw Desc	Image
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11. Document ID: US 6757870 B1

L5: Entry 11 of 51

File: USPT

Jun 29, 2004

US-PAT-NO: 6757870

DOCUMENT-IDENTIFIER: US 6757870 B1

TITLE: Automatic table detection method and system

Full	Title	Citation	Front	Review	Classification	Date	Reference	References	Attachments	Claims	KWIC	Draw Desc	Image
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12. Document ID: US 6757869 B1

L5: Entry 12 of 51

File: USPT

Jun 29, 2004

US-PAT-NO: 6757869

DOCUMENT-IDENTIFIER: US 6757869 B1

TITLE: Method and apparatus for providing access to a legacy application on a distributed data processing system

Full	Title	Citation	Front	Review	Classification	Date	Reference	References	Attachments	Claims	KWIC	Draw Desc	Image
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13. Document ID: US 6748569 B1

L5: Entry 13 of 51

File: USPT

Jun 8, 2004

US-PAT-NO: 6748569

DOCUMENT-IDENTIFIER: US 6748569 B1

TITLE: XML server pages language

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 14. Document ID: US 6738951 B1

L5: Entry 14 of 51

File: USPT

May 18, 2004

US-PAT-NO: 6738951

DOCUMENT-IDENTIFIER: US 6738951 B1

TITLE: Transcoding system for delivering electronic documents to a device having a braille display

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 15. Document ID: US 6738803 B1

L5: Entry 15 of 51

File: USPT

May 18, 2004

US-PAT-NO: 6738803

DOCUMENT-IDENTIFIER: US 6738803 B1

TITLE: Proxy browser providing voice enabled web application audio control for telephony devices

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 16. Document ID: US 6732330 B1

L5: Entry 16 of 51

File: USPT

May 4, 2004

US-PAT-NO: 6732330

DOCUMENT-IDENTIFIER: US 6732330 B1

TITLE: Scripting language blocks to support multiple scripting languages in a single web page

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 17. Document ID: US 6732102 B1

L5: Entry 17 of 51

File: USPT

May 4, 2004

US-PAT-NO: 6732102

DOCUMENT-IDENTIFIER: US 6732102 B1

TITLE: Automated data extraction and reformatting

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw Desc	Image
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## 18. Document ID: US 6725426 B1

L5: Entry 18 of 51

File: USPT

Apr 20, 2004

US-PAT-NO: 6725426

DOCUMENT-IDENTIFIER: US 6725426 B1

TITLE: Mechanism for translating between word processing documents and XML documents

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWC	Draw Desc	Image
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## 19. Document ID: US 6721747 B2

L5: Entry 19 of 51

File: USPT

Apr 13, 2004

US-PAT-NO: 6721747

DOCUMENT-IDENTIFIER: US 6721747 B2

TITLE: Method and apparatus for an information server

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWC	Draw Desc	Image
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## 20. Document ID: US 6718516 B1

L5: Entry 20 of 51

File: USPT

Apr 6, 2004

US-PAT-NO: 6718516

DOCUMENT-IDENTIFIER: US 6718516 B1

TITLE: Method for verifying context between multiple related XML tags in document object mode (DOM)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWC	Draw Desc	Image
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## 21. Document ID: US 6715129 B1

L5: Entry 21 of 51

File: USPT

Mar 30, 2004

US-PAT-NO: 6715129

DOCUMENT-IDENTIFIER: US 6715129 B1

\*\* See image for Certificate of Correction \*\*

TITLE: Achieving application-specific document content by transcoding using Java Server Pages

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWC	Draw Desc	Image
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## 22. Document ID: US 6691119 B1

L5: Entry 22 of 51

File: USPT

Feb 10, 2004

US-PAT-NO: 6691119

DOCUMENT-IDENTIFIER: US 6691119 B1

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1. Document ID: US 6792575 B1

Using default format because multiple data bases are involved.

L8: Entry 1 of 4

File: USPT

Sep 14, 2004

US-PAT-NO: 6792575

DOCUMENT-IDENTIFIER: US 6792575 B1

TITLE: Automated processing and delivery of media to web servers

DATE-ISSUED: September 14, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Samaniego; Christopher	San Francisco	CA		
Offner; Nelson H. "Rocky"	Kensington	CA		
Thewlis; Adrian D.	Sausalito	CA		
Boyd; David R.	San Francisco	CA		

US-CL-CURRENT: [715/513](#); [709/203](#), [709/219](#), [715/501.1](#), [715/517](#), [715/735](#)

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Abstract</a>	<a href="#">Claims</a>	<a href="#">KWC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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2. Document ID: US 6772216 B1

L8: Entry 2 of 4

File: USPT

Aug 3, 2004

US-PAT-NO: 6772216

DOCUMENT-IDENTIFIER: US 6772216 B1

TITLE: Interaction protocol for managing cross company processes among network-distributed applications

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Abstract</a>	<a href="#">Claims</a>	<a href="#">KWC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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3. Document ID: US 6665721 B1

L8: Entry 3 of 4

File: USPT

Dec 16, 2003

US-PAT-NO: 6665721

DOCUMENT-IDENTIFIER: US 6665721 B1

TITLE: Enabling a home network reverse web server proxy

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Abstract</a>	<a href="#">Claims</a>	<a href="#">KWC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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4. Document ID: US 6560640 B2

L8: Entry 4 of 4

File: USPT

May 6, 2003

US-PAT-NO: 6560640

DOCUMENT-IDENTIFIER: US 6560640 B2

TITLE: Remote bookmarking for wireless client devices

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWC	Draw Desc	Image
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1. Document ID: US 6715131 B2

Using default format because multiple data bases are involved.

L11: Entry 1 of 1

File: USPT

Mar 30, 2004

US-PAT-NO: 6715131

DOCUMENT-IDENTIFIER: US 6715131 B2

\*\* See image for Certificate of Correction \*\*

TITLE: Method and system for providing resource access in a mobile environment

DATE-ISSUED: March 30, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Martin, Jr.; Bruce K.	Palo Alto	CA		
Capitant; Arnaud P. Y.	Paris			FR
Stein; Lawrence M.	San Jose	CA		
Wulff; Jonathan M.	Los Gatos	CA		
Laursen; Andrew L.	San Mateo	CA		

US-CL-CURRENT: 715/526

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sec. Filed	Pub. No.	Claims	KWC	Draw. Desc	Image
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